

(g) *Heat-damaged kernels.* Kernels, pieces of sorghum kernels, and other grains that are materially discolored and damaged by heat.

(h) *Nongrain sorghum.* Seeds of broomcorn, Johnson-grass, *Sorghum alnum* Parodi, sorghum-sudangrass hybrids, sorgrass, sudangrass, and sweet sorghum (*sorgo*).

(i) *Pericarp.* The pericarp is the outer layers of the sorghum grain and is fused to the seedcoat.

(j) *Sieves.*

(1) *1.98 mm (5/64 (0.0781) inches) triangular-hole sieve.* A metal sieve 0.81 mm (0.032 inches) thick with equilateral triangular perforations the inscribed circles of which are 1.98 mm (0.0781 inches) in diameter.

(2) *0.99 mm (2 1/2 /64 (0.0391) inches) round-hole sieve.* A metal sieve 0.81 mm (0.032 inch) thick with round holes 0.99 mm (0.0391 inches) in diameter.

[52 FR 24418, June 30, 1987, as amended at 52 FR 24437, June 30, 1987; 52 FR 28534, July 31, 1987; 57 FR 58971, Dec. 14, 1992]

PRINCIPLES GOVERNING THE APPLICATION OF STANDARDS

§ 810.1403 Basis of determination.

Each determination of broken kernels and foreign material is made on the basis of the grain when free from dockage. Each determination of class, damaged kernels, heat-damaged kernels, and stones is made on the basis of the grain when free from dockage and that portion of the broken kernels, and foreign material that will pass through a 1.98 mm (5/64 inches) triangular-hole sieve. Other determinations not specifically provided for in the general provisions are made on the basis of the grain as a whole except the determination of odor is made on either the basis of the grain as a whole or the grain when free from dockage, broken kernels, and foreign material removed by the 1.98 mm (5/64 inches) triangular-hole sieve.

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GRADES AND GRADE REQUIREMENTS

§ 810.1404 Grades and grade requirements for sorghum.

Grading factors	Grades U.S. Nos. ¹			
	1	2	3	4
Minimum pound limits of:				
Test weight per bushel	57.0	55.0	53.0	51.0
Maximum percent limits of:				
Damaged kernels:				
Heat (part of total)	0.2	0.5	1.0	3.0
Total	2.0	5.0	10.0	15.0
Broken kernels and foreign material:				
Foreign material (part of total)	1.5	2.5	3.5	4.5
Total	4.0	7.0	10.0	13.0
Maximum count limits of:				
Other material:				
Animal filth	9	9	9	9
Castor beans	1	1	1	1
Crotalaria seeds	2	2	2	2
Glass	1	1	1	1
Stones ²	7	7	7	7
Unknown foreign substance	3	3	3	3
Cockleburs	7	7	7	7
U.S. Sample grade is Sorghum that:				
(a) Does not meet the requirements for U.S. Nos. 1, 2, 3, or 4; or				
(b) Has a musty, sour or commercially objectionable foreign odor (except smut odor); or				
(c) Is badly weathered, heating or distinctly low quality.				

¹ Sorghum which is distinctly discolored shall not grade higher than U.S. No. 3.

² Aggregate weight of stones must also exceed 0.2 percent of sample weight.

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